



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

000981

D4149-041
Job Sheet 172368



Part No: D4149-041

Job Qty: 4 ea

Part Name: Aft Crosstube Lug Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/16/18

Job Tracking No:

Due Date: 2/28/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C IPP Rev:A 10.06.24 new issue DD ver:EC IPP Rev:B 10.07.22 as per revB DD ver:JLM IPP
Rev:C 11.03.03 as per revC DD ver:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		2/27/18	0.00	0.00	Start Up Small Fab-3		FEB 16 2018
100	Small Fab	4 pcs		2/28/18	0.00	1.00	Small Fab-6		FEB 16 2018
110	QC	4 pcs		2/28/18	0.00	0.00	QC5		FEB 27 2018
120	Packaging	4 pcs		2/28/18	0.00	0.00	Packaging3-2		FEB 27 2018
130	QC21-SA	4 Ea		2/28/18	0.00	0.00	QC21		FEB 27 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3C12A	Bolt	8 Ea (2 ea)	90-Start up Operation	
AN4C13A	Bolt	12 Ea (3 ea)	90-Start up Operation	
D3910-1	Crosstube Lug	4 Ea (1 ea)	90-Start up Operation	
D4091-1	Mounting Lug	4 Ea (1 ea)	90-Start up Operation	
D4149-1	Crosstube Lug Plate, Aft	8 Ea (2 ea)	90-Start up Operation	
D4149-3	Spacer	4 Ea (1 ea)	90-Start up Operation	
D4149-5	Eyebolt Stud	4 Ea (1 ea)	90-Start up Operation	
MS20615-4M18	Rivet	12 Ea (3 ea)	90-Start up Operation	
MS21043-3	Nut	8 Ea (2 ea)	90-Start up Operation	
MS21043-4	Nut	12 Ea (3 ea)	90-Start up Operation	
NAS1149C0332R	Washer	16 Ea (4 ea)	90-Start up Operation	
NAS1149C0432R	Washer	24 Ea (6 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3C12A	8	185	0
	AN4C13A	12	217	0
	D3910-1	4	51	0
	D4091-1	4	62	0
	D4149-1	8	8	0
	D4149-3	4	8	0
	D4149-5	4	15	0
	MS20615-4M18	12	441	0
	MS21043-3	8	1,190	0
	MS21043-4	12	1,055	0
	NAS1149C0332R	16	1,955	0

Part Specifications

Specifications could not be found.



Container No: S043268



Part: D4149-041

Job No: 172368

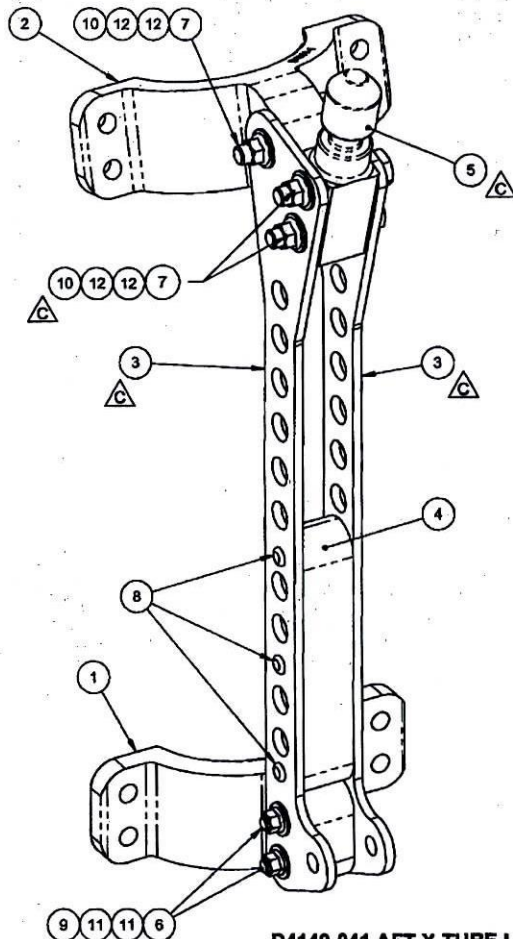
Serial No/Batch: S043268

Revision: D4149

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 02/16/18



D4149-041 AFT X-TUBE LUG ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4149-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 2.21 lbs

ITEM	QTY -041	P/N	DESCRIPTION
	X	D4149-041	AFT X-TUBE LUG ASSY
1	1	D3910-1	X-TUBE LUG
2	1	D4091-1	MOUNTING LUG
3	2	D4149-1	AFT X-TUBE LUG PLATE
4	1	D4149-3	SPACER
5	1	D4149-5	EYEBOLT STUD
6	2	AN3C12A	BOLT
7	3	AN4C13A	BOLT
8	3	MS20815-4M18	RIVET
9	2	MS21043C3	NUT
10	3	MS21043C4	NUT
11	4	NAS1149C0332R	WASHER
12	6	NAS1149C0432R	WASHER

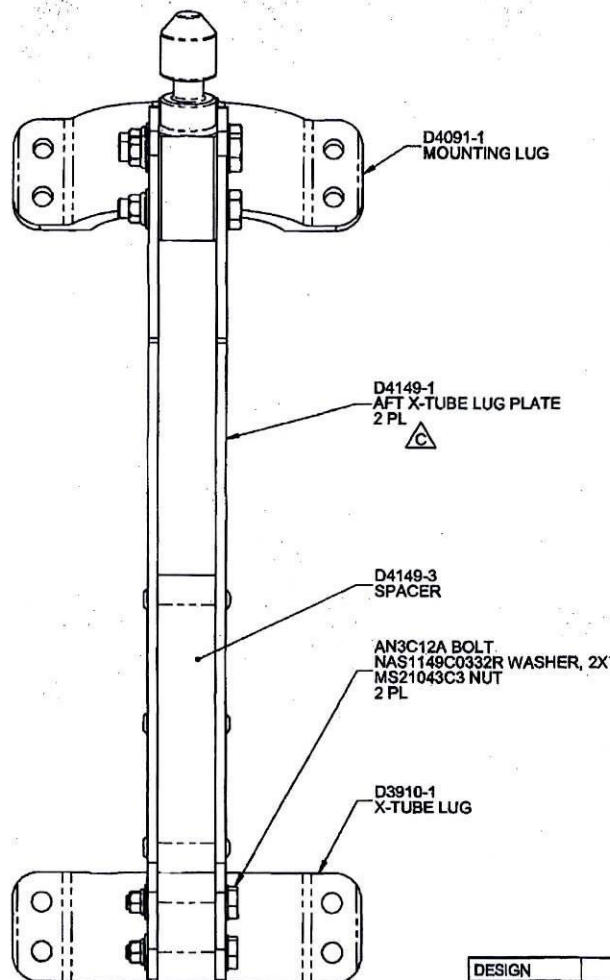
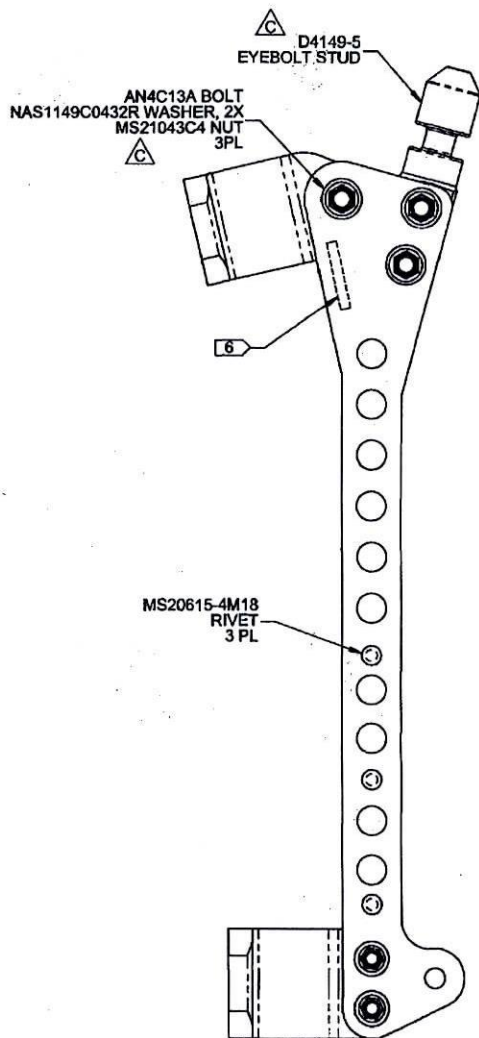
SHOT COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 172368

ML5
1902-16

RELEASED
2011-02-24

C	HOLE DIA CHANGED TO 0.252" (D8-3); HOLE DIA CHANGED TO 0.250" (C8-3); REPLACED QTY(2) AN3C12A, MS21043C3 AND QTY(4) NAS1149C0332R WITH QTY(2) AN4C13A, MS21043C4 AND QTY(4) NAS1149C0432R (D3-1, D7-2)	SC	11.02.22
B	MS20815-4M18 WAS MS20815-4M20 (ZN D3-1 & B7-2); ADDED D4149-5 (SHT 5); D4149-5 WAS D3909-5 (ZN D3-1 & D7-2); REPLACED QTY(3) MS20815-4M18 WITH QTY(2) EACH AN3C12A, MS21043C3 AND QTY(4) NAS1149C0332R WASHER (ZN D3-1, C7-1, B7-2 & B3-2); Ø0.191 2 PL REPLACES Ø0.129 3 PL (ZN D8-3). REASON: SEE TR-D350-907-2 REV. B.	MB	10.07.05
A	NEW ISSUE	MB	10.08.18
REV.	DESCRIPTION	BY	DATE
DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D4149 REV. C SHEET 1 OF 6 TITLE AFT X-TUBE LUG ASSY NTS COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED OR COMBINED WITH ANY OTHER INFORMATION WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
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CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.02.22		

8 7 6 5 4 3 2 1



D4149-041 AFT X-TUBE LUG ASSY

RELEASED
2011-02-24
MP

DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D4149	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		AFT X-TUBE LUG ASSY	NTS
DATE	11.02.22	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR CONVEYED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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Hawkesbury, ON
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Master Unit 000981

Tel (613) 632-5200

Containers on Master Unit 000981				
Serial No	Part No	Customer Part No	Status	Quantity
S043261	AN3C12A		Allocated	8
S027726	AN4C13A		Allocated	7
S043256	AN4C13A		Allocated	5
S026855	D3910-1		Allocated	3
S043252	D3910-1		Allocated	1
S043250	D4091-1		Allocated	4
S030166	D4149-1		Allocated	8
S043236	D4149-3		Allocated	4
S043231	D4149-5		Allocated	4
S043230	MS20615-4M18		Allocated	12
S043228	MS21043-3	MS21043-3	Allocated	8
S043226	MS21043-4	MS21043-4	Allocated	12
S043223	NAS1149C0332R		Allocated	16
S043225	NAS1149C0432R		Allocated	24